

Abstract of the Disclosure:

**[00051]** A method of presenting glucose data to a person with diabetes from a blood glucose meter is provided in which an effective meal average (EMA) value is presented, followed by two or more of the individual values that make up the EMA, to provide improved feedback data for clinical decisions by patients who need to alter their dose of insulin. The EMA can also comprise a measure of the variability of its constituent values. The EMA encompasses those values that occur at specified times such as 1 hour before and 1 hour after a specified meal time. The EMA is calculated over a limited number of days previous to the calculation (e.g., 3 days) and has a minimum number of values that must be obtained within the time and date ranges. An algorithm allows for exclusion of any given reading from the average (e.g., post-prandial or control solution readings). Patients can use 1 to 8 EMA on any given date range (e.g., preferably 4, that is, breakfast, lunch, supper and bedtime snack).